PART B - FEE(S) TRANSMITTAL

Complete and sepa this form, together with applicable fee(s), to: Mail Stop ISSUE FEE
Commissioner for Pate
P.O. Box 1450

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

130	Ø/ ·		or <u>Fax</u>	(571)-273-2885				
INSTRUCTIONS AND IS	ed below or directed otl	for transmitting the ISSUng the Patent, advance on nerwise in Block 1, by (a	JE FEE and PUBLIC rders and notification of specifying a new co	ATION FEE (if requor maintenance fees or espondence address	ired). Blocks 1 through 5 will be mailed to the curre ; and/or (b) indicating a second	should be completed where ent correspondence address as eparate "FEE ADDRESS" for		
	ENCE ADDRESS (Note: Use B	lock 1 for any change of address)	1	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.				
30449		/2008		Cer	rtificate of Mailing or Tra	nsmission		
22 CENTURY I SUITE 302		ΓS		I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.				
LATHAM, NY	12110					(Depositor's name)		
				•	<u>-</u>	(Signature)		
				· · — · · · · · · · · · · · · · · · · ·		(Date)		
APPLICATION NO.	FILING DATE		FIRST NAMED INVENT	ГOR	ATTORNEY DOCKET NO.	. CONFIRMATION NO.		
10/604,142 FITLE OF INVENTION	06/27/2003 N: MASK AND SUBSTE	ATE ALIGNMENT FOR	Duane E. Allen R SOLDER BUMP PRO	OCESS 07/07/	BUR920030027US1 2008 ANONDAF2 0000005	1141 58 090456 10604142		
				. 01 FC: 02 FC:	1501 1440.00 DA 1504 300.00 DA			
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE D	UE PREV. PAID ISSU	E FEE TOTAL FEE(S) D	UE DATE DUE		
nonprovisional	NO	\$1440	\$300	\$0	\$1740	09/30/2008		
EXAM	INER	ART UNIT	CLASS-SUBCLASS		•			
STEVENSO	N, ANDRE C	2812	438-800000	_				
1. Change of correspond	ence address or indication	n of "Fee Address" (37	2. For printing on t	he patent front page, li	st Schr	meiser, Olsen &		
CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.			(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a					
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.			registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.					
		A TO BE PRINTED ON	••	• • •				
PLEASE NOTE: Unless an assignce is identified below, no assignce data will appear on the patent. If an assignce is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.								
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)								
Intern	ational Busin	ess Machines C	orporation,	Armonk, NY		<i>,</i>		
Please check the appropr	riate assignce category o	r categories (will not be pr	rinted on the patent):	Individual XX C	orporation or other private	group entity Government		
4a. The following fee(s)	are submitted:	41			ny previously paid issue f	ce shown above)		
☐ A check is enclosed. ☐ Publication Fee (No small entity discount permitted) ☐ Payment by credit card. Form PTO-2038 is attached.								
Advance Order -		perimitedy		The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 09-0456 (enclose an extra copy of this form).				
			overpayment, to D	Deposit Account Numb		e an extra copy of this form).		
a. Applicant claim	itus (from status indicatens SMALL ENTITY stat	us. Sec 37 CFR 1.27.	• •	•	(IBM) LL ENTITY status. See 37	,		
NOTE: The Issue Fee ar	nd Publication Fee (if req	uired) will not be accepte ates Patent and Trademark	d from anyone other the Office.	an the applicant; a reg	istered attorney or agent; o	r the assignee or other party in		
Authorized Signature	01	P. Friedma		Date	17/01/2008			
Typed or printed name	oc <u>Jack P. F</u>	riedman		Registration 1	No. 44,688			
This collection of informan application. Confider submitting the complete	nation is required by 37 (ntiality is governed by 35 d application form to the	CFR 1.311. The information U.S.C. 122 and 37 CFR USPTO. Time will vary	on is required to obtain 1.14. This collection is depending upon the in	or retain a benefit by s estimated to take 12 ndividual case. Any c	the public which is to file (minutes to complete, inclu omments on the amount of	and by the USPTO to process) ding gathering, preparing, and f time you require to complete tenartment of Commerce P.O.		

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PART B - FEE(S) TRANSMITTAL Complete and send this drm, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE JUL 0 3 2008 🕿 Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or <u>Fax</u> (571)-273-2885 INSTRUCTIONS THAT Should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 06/30/2008 30449 7590 Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. SCHMEISER, OLSEN & WATTS 22 CENTURY HILL DRIVE SUITE 302 LATHAM, NY 12110 (Depositor's name) (Signature) CONFIRMATION NO. FIRST NAMED INVENTOR ATTORNEY DOCKET NO. APPLICATION NO. FILING DATE BUR920030027US1 1141 Duane E. Allen 10/604,142 06/27/2003 TITLE OF INVENTION: MASK AND SUBSTRATE ALIGNMENT FOR SOLDER BUMP PROCESS **ISSUE FEE DUE** PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE APPLN. TYPE SMALL ENTITY \$1740 09/30/2008 NO \$1440 \$300 \$0 nonprovisional ART UNIT CLASS-SUBCLASS **EXAMINER** STEVENSON, ANDRE C 2812 438-800000 1 Change of correspondence address or indication of "Fee Address" (37 2. For printing on the patent front page, list

CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.	(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,	1_ 2	Schmei: Watts;	 	_
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.	(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.				
2 ACCIONED MAME AND DECIDENCE DATA TO DE DENITED ON T	THE DATENT (print or type)				

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

International Business Machines	Corporation, Armonk, NY			
Please check the appropriate assignee category or categories (will not be	printed on the patent):			
4a. The following fee(s) are submitted: ☐ Issue Fee ☐ Publication Fee (No small entity discount permitted) ☐ Advance Order - # of Copies	 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) ☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 09-0456 (enclose an extra copy of this form). 			
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.	(IBM) D b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).			
NOTE: The Issue Fee and Publication Fee (if required) will not be acce interest as shown by the records of the United States Patent and Tradem	pted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in ark Office.			
Authorized Signature Juck P. Friedman Typed or printed name Jack P. Friedman	Date 07/01/2009 Registration No. 44,688			
Typed of printed name Dack F. FI Teditari	TT, 500			

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.